

**From:** Marx, Irene  
**Sent:** Wednesday, April 30, 2003 8:19 AM  
**To:** STIC-ILL  
**Subject:** 10/005412  
**Importance:** High

Please send to Irene Marx, Art Unit 1651; CM1, Room 10E05, phone 308-2922, Mail box in 11B01

Gillis, M. et al. "Acetobacter diazotrophicus sp. Nov., a Nitrogen-Fixing Acetic Acid Bacterium". International Journal of Systematic Bacteriology 39, pp. 361-364, (1989).

Gluconacetobacter diazotrophicus (syn. acetobacter diazotrophicus), a promising diazotrophic endophyte in tropics  
AU Muthukumarasamy, R.; Revathi, G.; Seshadri, S.; Lakshminarasimhan, C.  
CS Main Biocontrol Research Laboratory, Tamil Nadu Cooperative Sugar Federation, Chengalpattu, 603 001, India  
SO Current Science (2002), 83(2), 137-145

Sevilla, Myrna Quijano  
CS Univ. of Arizona, Tucson, AZ, USA  
SO (1999) 319 pp. Avail.: UMI, Order No. DA9927492  
From: Diss. Abstr. Int., B 1999, 60(4), 1430

Inoculation with Acetobacter diazotrophicus increases Glucose and fructose content in shoots of Sorghum bicolor (L.) Moench  
AU Bastian, Fabiola; Rapparini, Francesca; Baraldi, Rita; Piccoli, Patricia; Bottini, Ruben  
CS Laboratorio de Fisiologia Vegetal, Departamento de Ciencias Naturales, Universidad Nacional de Rio Cuarto, Rio Cuarto, 5800, Argent.  
SO Symbiosis (1999), 27(2), 147-156

Studies on Acetobacter diazotrophicus: analysis of nif and related genes and contributions to sugarcane nutrition  
AU Sevilla, M.; Lee, S.; Brockschneider, D.; De Olivera, A.; Baldani, I.; Kennedy, C.  
CS Department of Plant Pathology, University of Arizona, Tucson, AZ, USA  
SO Current Plant Science and Biotechnology in Agriculture (1998), 31(Biological Nitrogen Fixation for the 21st Century), 383-384

Molecular assay to identify Acetobacter diazotrophicus and detect its occurrence in plant tissues  
AU Kirchhof, Gudrun; Baldani, J. Ivo; Reis, Veronica M.; Hartmann, Anton  
CS GSF-National Research Center for Environment and Health, Institute of Soil Ecology, Neuherberg, D-85764, Germany  
SO Canadian Journal of Microbiology (1998), 44(1), 12-19

Enhanced maize productivity by inoculation with diazotrophic bacteria.  
AU Riggs, Patrick J.; Chelius, Marisa K.; Iniguez, A. Leonardo; Kaeppler, Shawn M.; Triplett, Eric W. (1)  
CS (1) Department of Agronomy, University of Wisconsin-Madison, 1575 Linden Dr., Madison, WI, 53706: triplett@facstaff.wisc.edu USA  
SO Australian Journal of Plant Physiology, (2001) Vol. 28, No. 9, pp.,

Comparison of benefit to sugarcane plant growth and  $^{15}\text{N}_2$  incorporation following inoculation of sterile plants with Acetobacter diazotrophicus wild-type and Nif- mutant strains  
AU Sevilla, Myrna; Burris, Robert H.; Gunapala, Nirmala; Kennedy, Christina  
CS Department of Plant Pathology, University of Arizona, Tucson, AZ, 85721, USA  
SO Molecular Plant-Microbe Interactions (2001), 14(3), 358-366